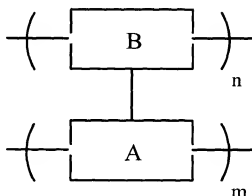


CLAIMS

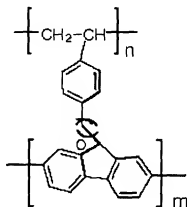
We claim:

1. A ladder-type, blue light-emitting polymers represented by the
 5 following formula.



- 10 In the formula, A is selected from polyfulorene, polythiophene, polypyrrole, polycarbazole, polyphenylene, polyaniline, polypyridine; B is selected from polystyrene, polypyrrol, polycarbonate, polythiophene, polyphenylene, polyaniline, polypyridine, polycarbazole; n is an integer of 5 to 100; and m is an integer of 2 to
 15 100.

2. The blue light-emitting polymers to claim 1, wherein A is polyfluorene
 with the following formula and B is polystyrene.

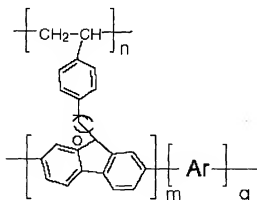


In the formula, n is an integer of 5 to 100; and m is an integer of 2 to 100.

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3. The blue light-emitting polymers to claim 2, wherein Ar is aromatic compounds such as fluorene, fluorene derivatives, benzene, benzene derivatives, thiophene, thiophene derivatives, carbazole, carbazole derivatives, pyridine or pyridine derivatives.

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In the formula, n is an integer of 5 to 100; m is an integer of 2 to 100; and q is an integer of 2 to 100.

4. The blue light-emitting polymers to claim 2 or 3, wherein B is the polystyrene specifically with atactic or syndiotactic structure.

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